

FIG. 1  
(prior art)

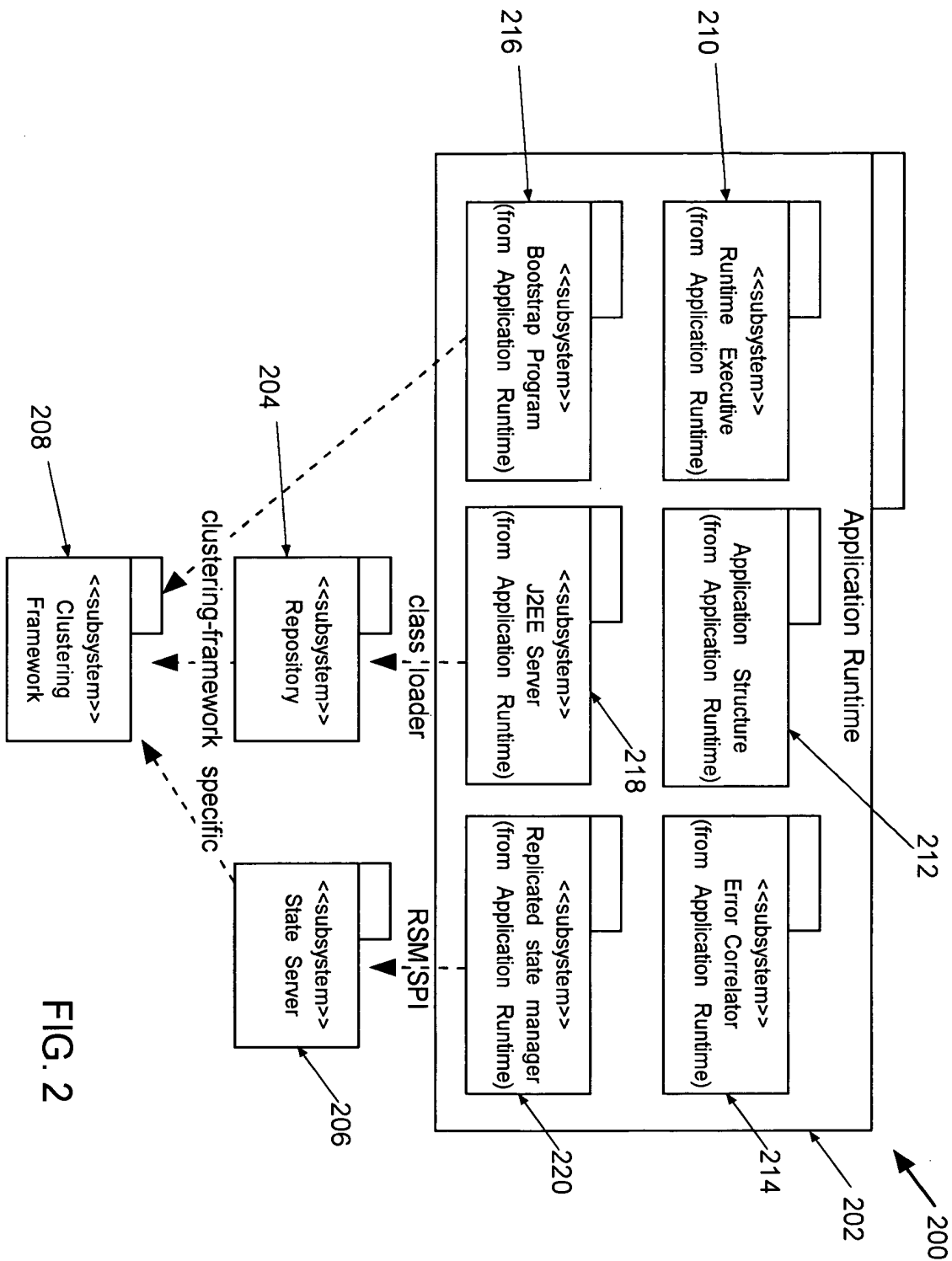
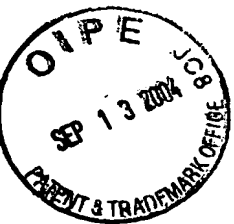


FIG. 2

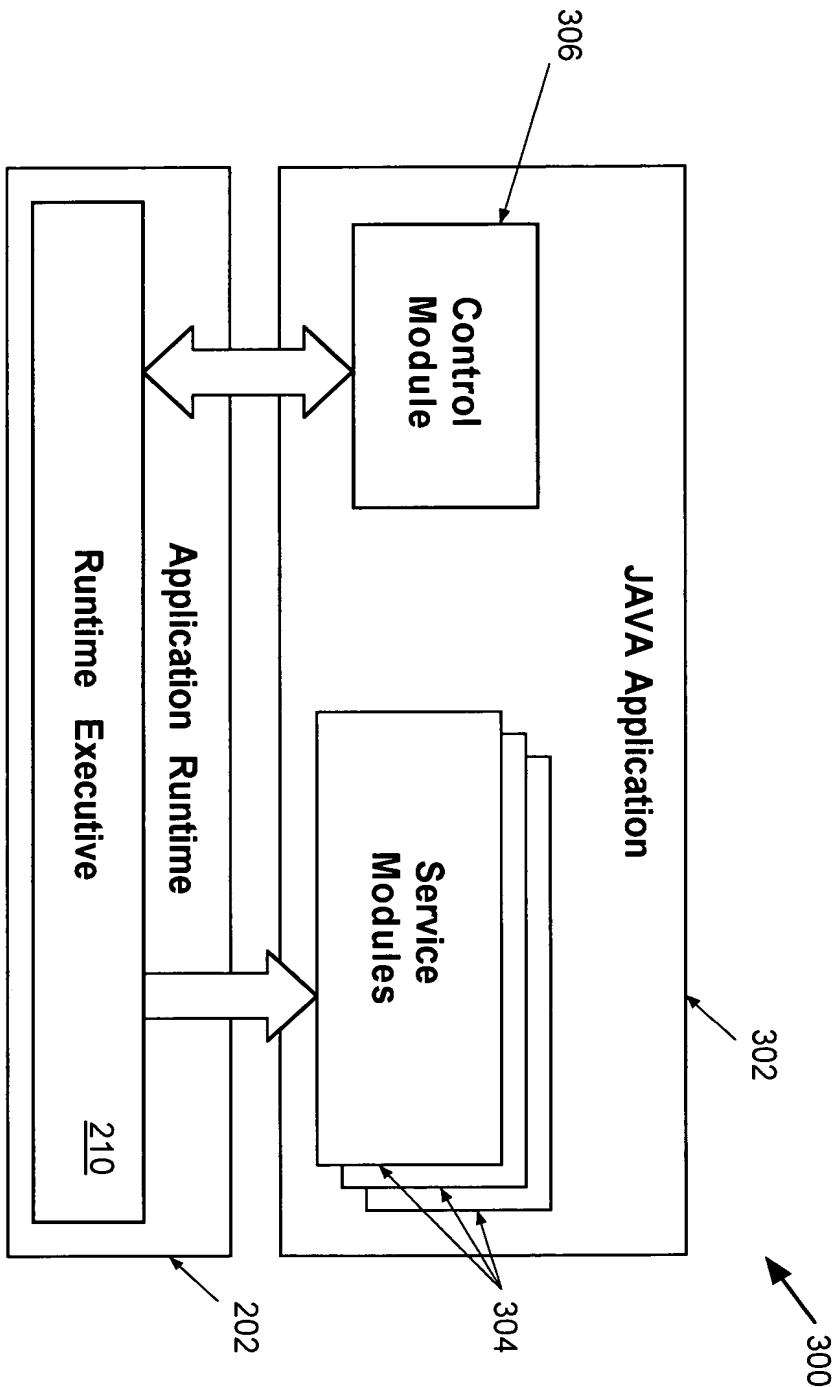


FIG. 3A

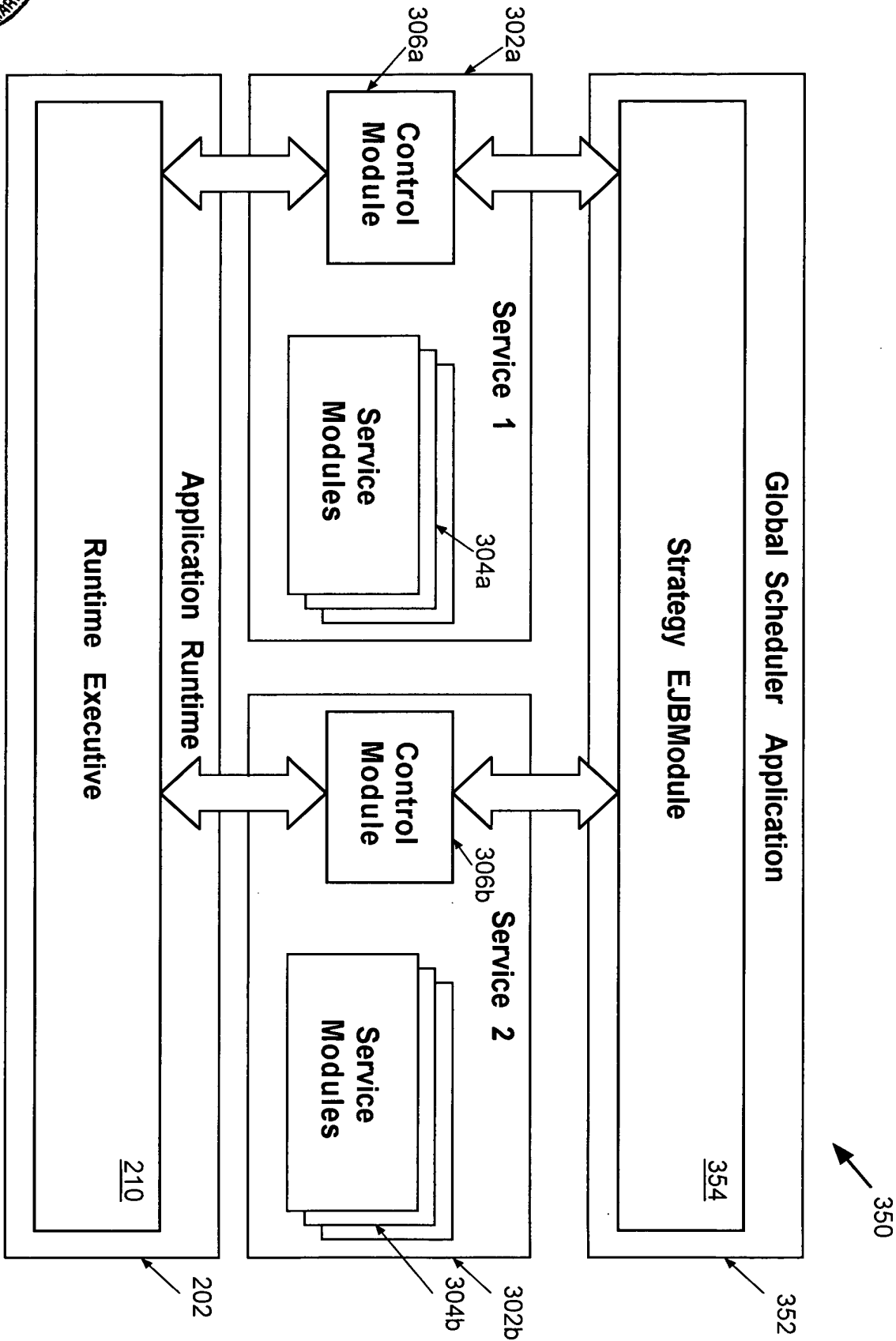


FIG. 3B

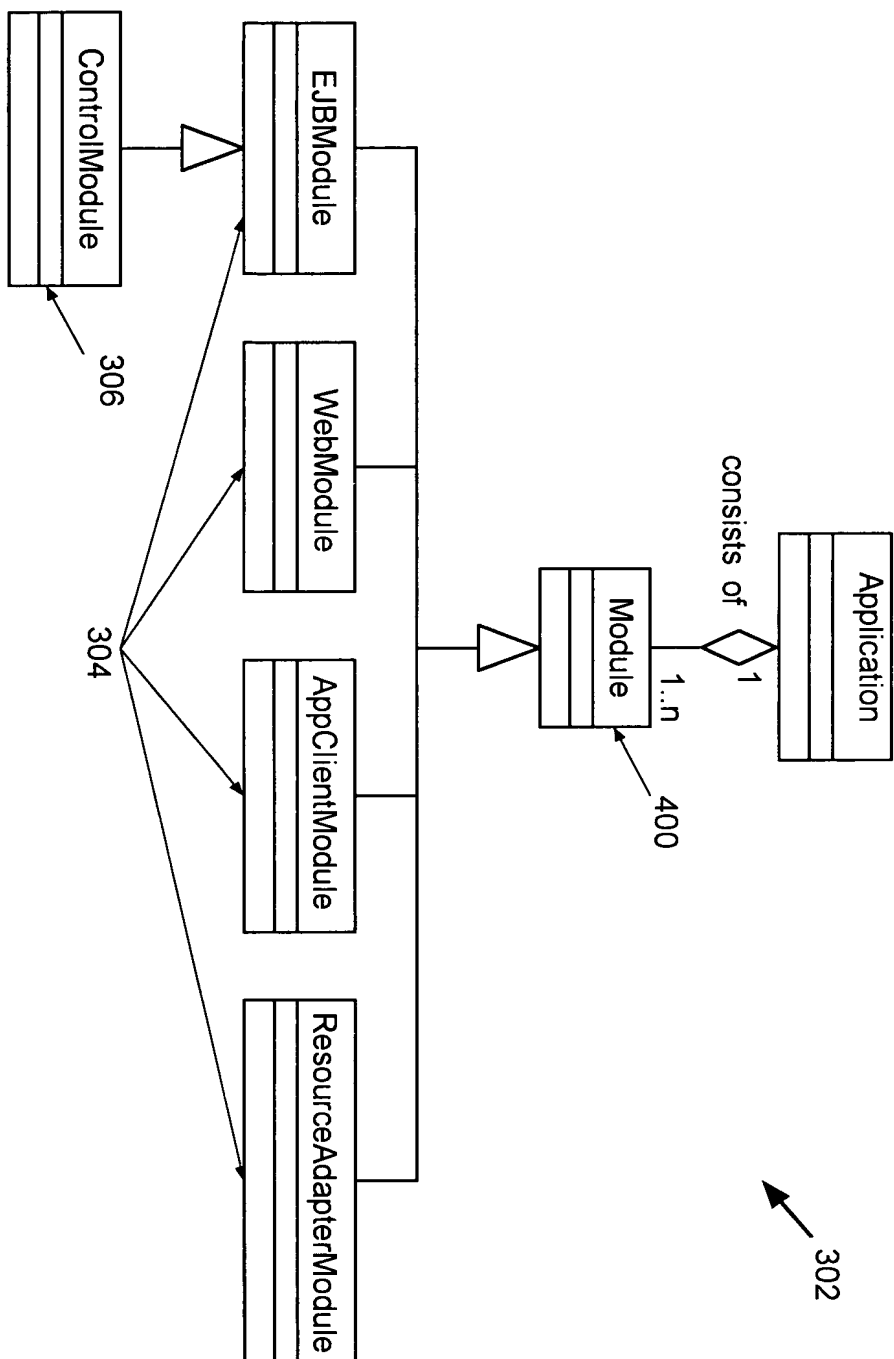


FIG. 4

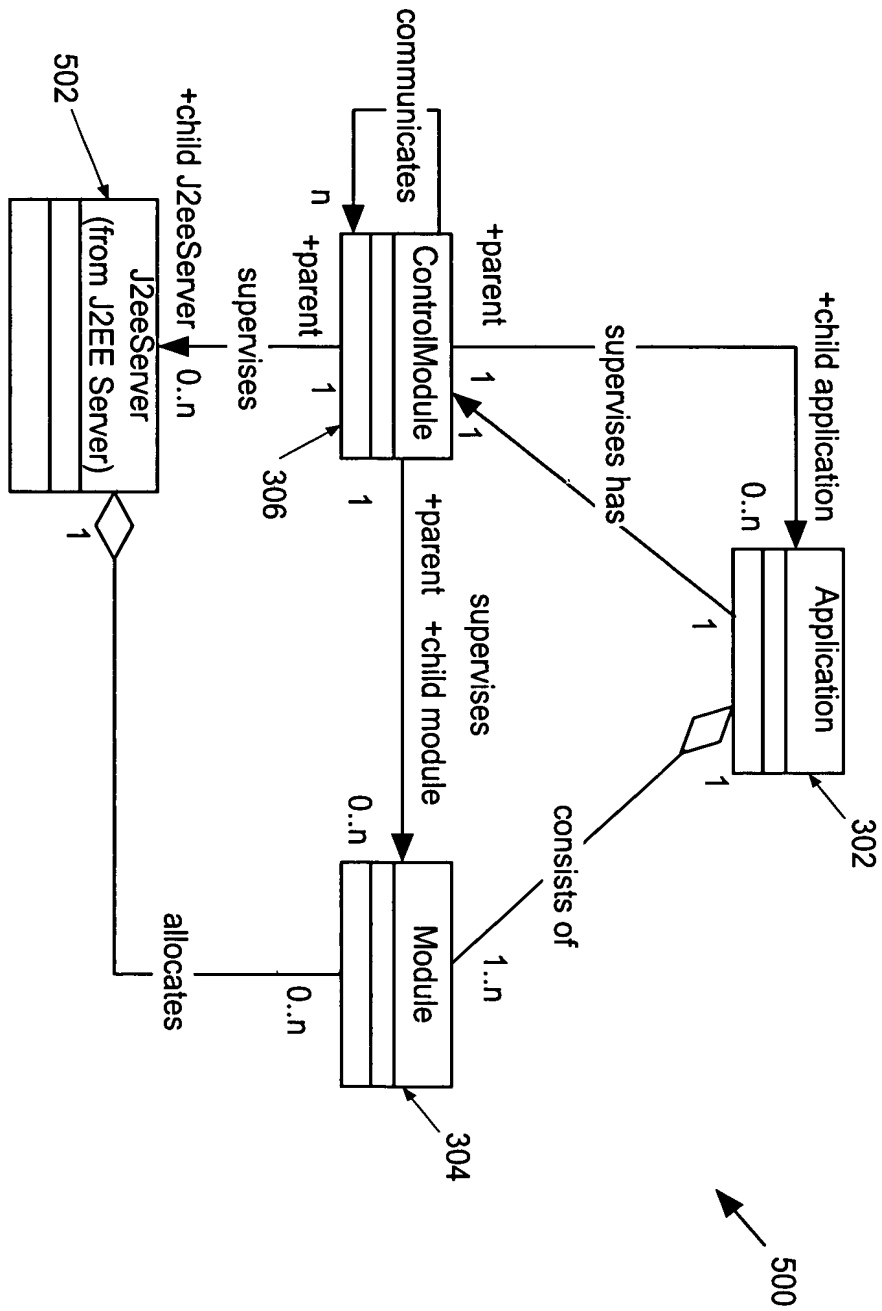


FIG. 5

The diagram illustrates a distributed system architecture with the following components and relationships:

- Physical Configuration (from Logical View)** (208)
  - Contains a **Cluster** (602).
  - Contains a **Node** (604), which consists of 2..n nodes.
  - Contains a **Repository** (606) (labeled as <<subsystem>> Repository (from Logical View)).
  - Contains a **State Server** (614) (labeled as <<subsystem>> State Server (from Logical View)).
- Cluster** (602)
  - Manages 1 **Executive** (210) (from Runtime Executive).
  - Stores code in the **Repository** (606).
  - Stores application state in the **State Server** (614).
- Executive** (210) (from Runtime Executive)
  - Runs 0..n **JZeeServer** (502).
- JZeeServer** (502)
  - Manages 1 **Module** (304).
  - Loads classes from 1 **JZeeServerArchive** (608).
  - Replicates state in 1 **ModuleArchive** (612).
- Module** (304)
  - Consists of 1..n **Application** (302) (from Application Structure).
- JZeeServerArchive** (608)
  - Contains 0..n **Repository** (610).
  - Contains 0..n **EAR** (610).
- ModuleArchive** (612)
  - Consists of 1..n **SSPartition** (616).
- State Server** (614)
  - Divides state into 0..1 **SSPartition** (616).

**FIG. 6**

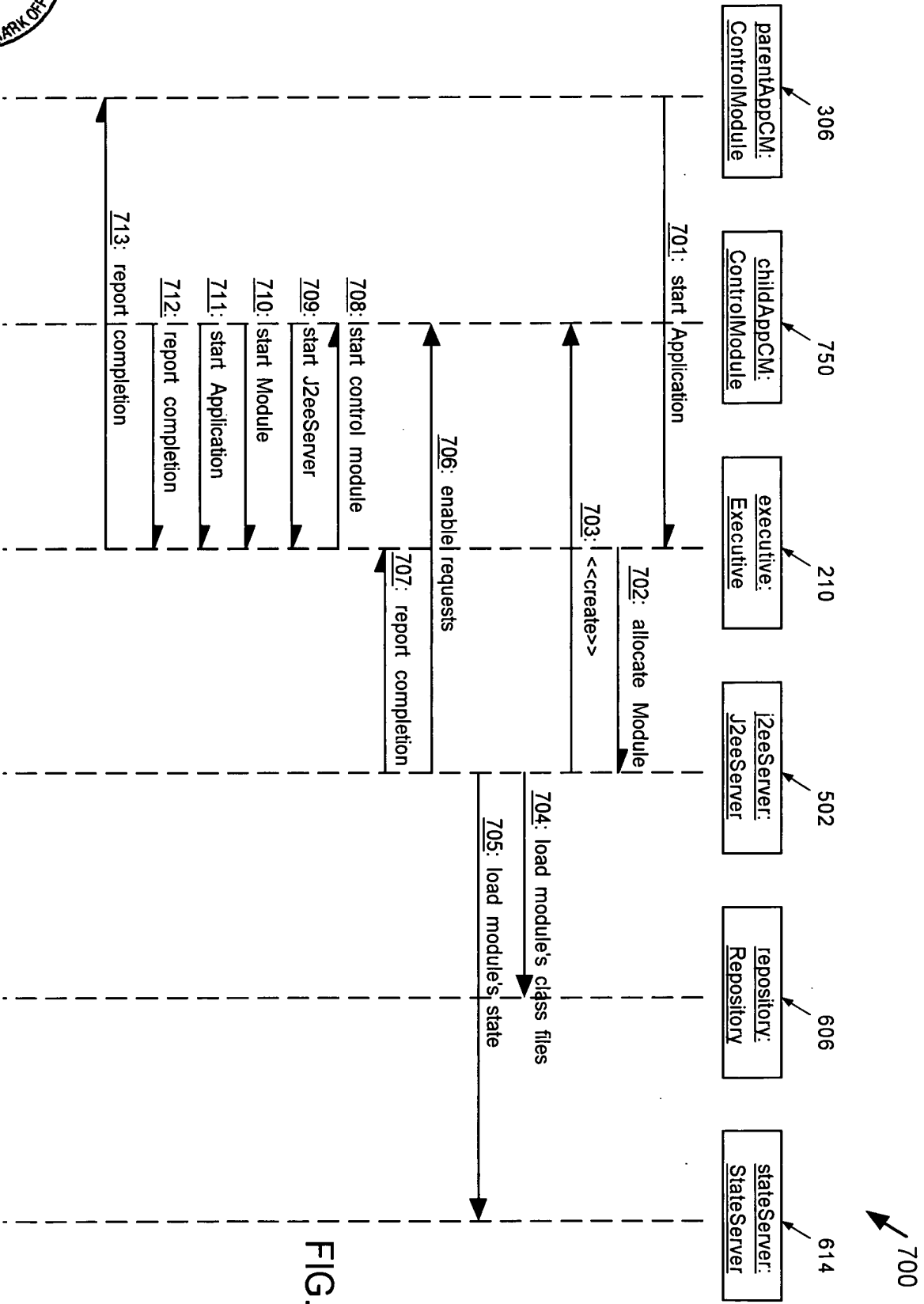


FIG. 7



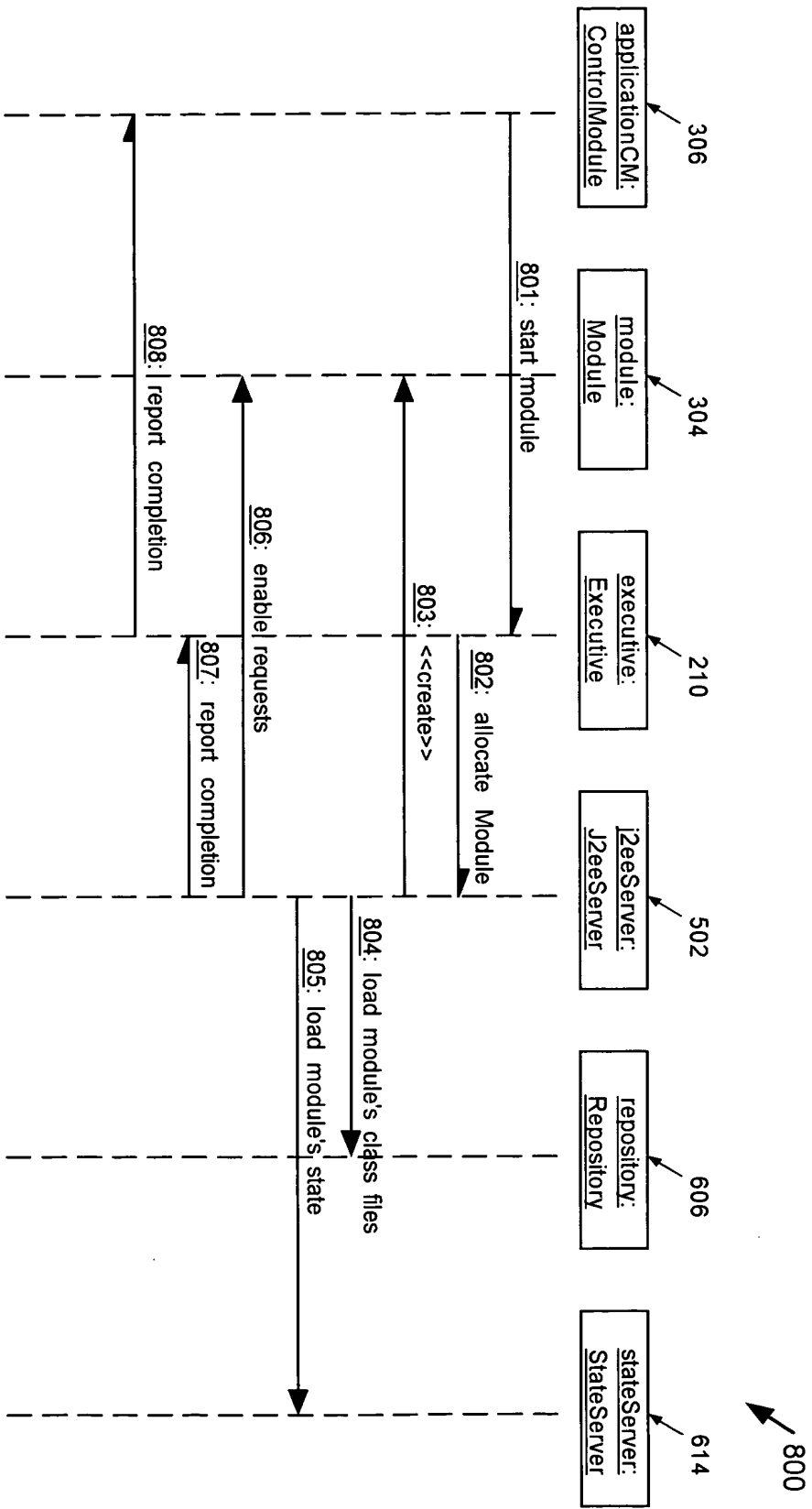


FIG. 8

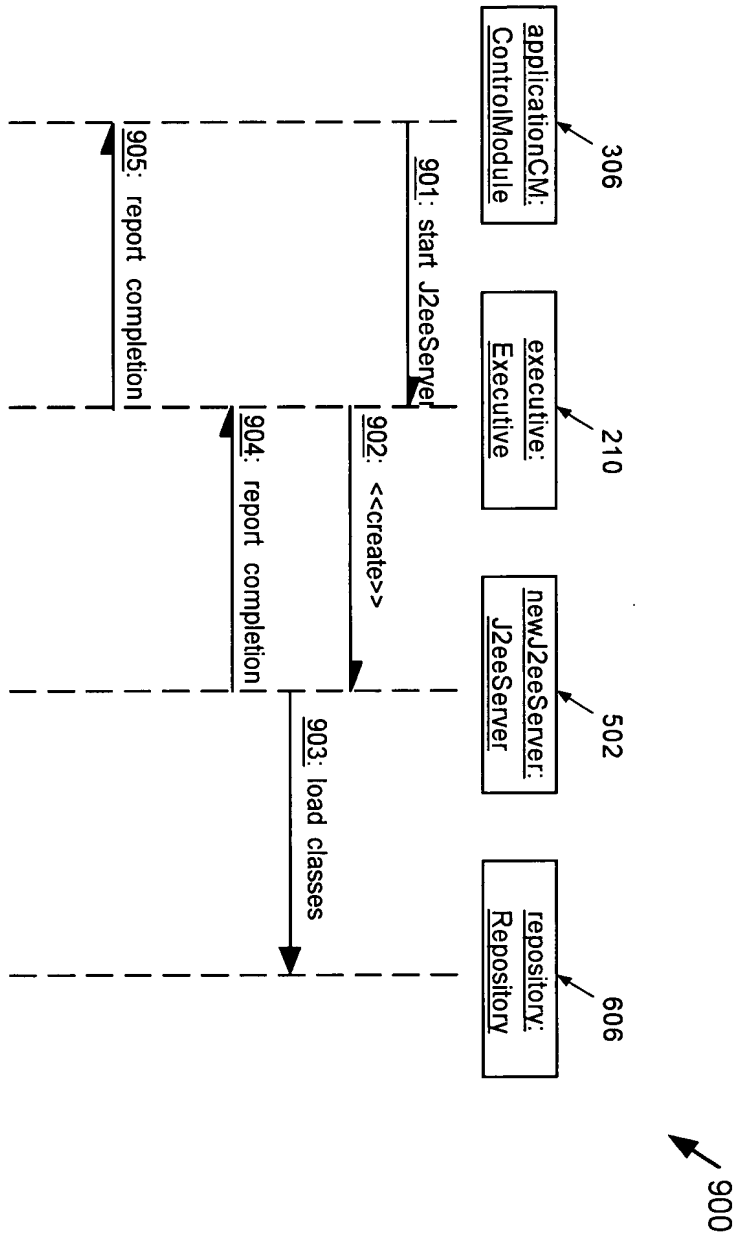


FIG. 9

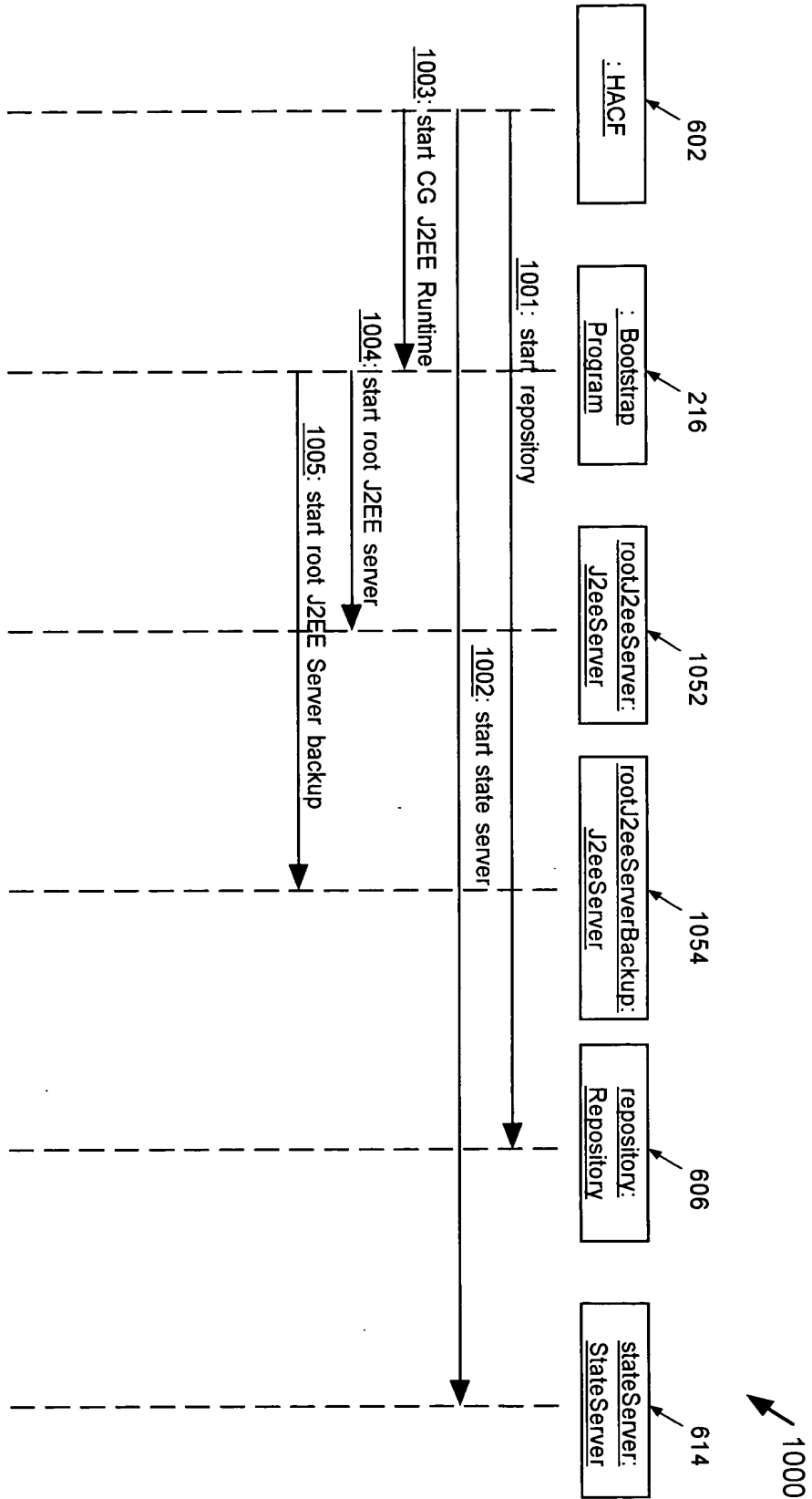
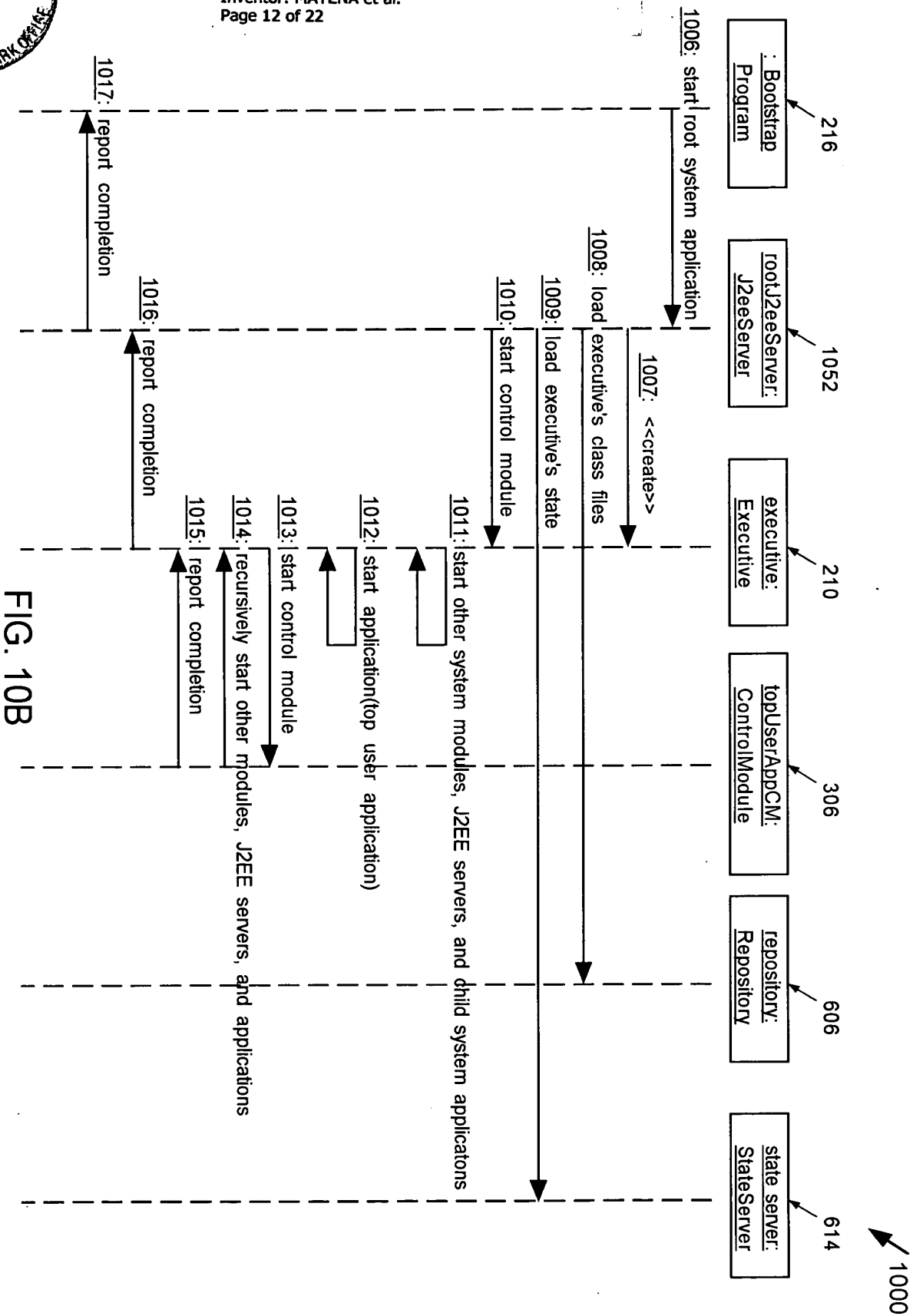
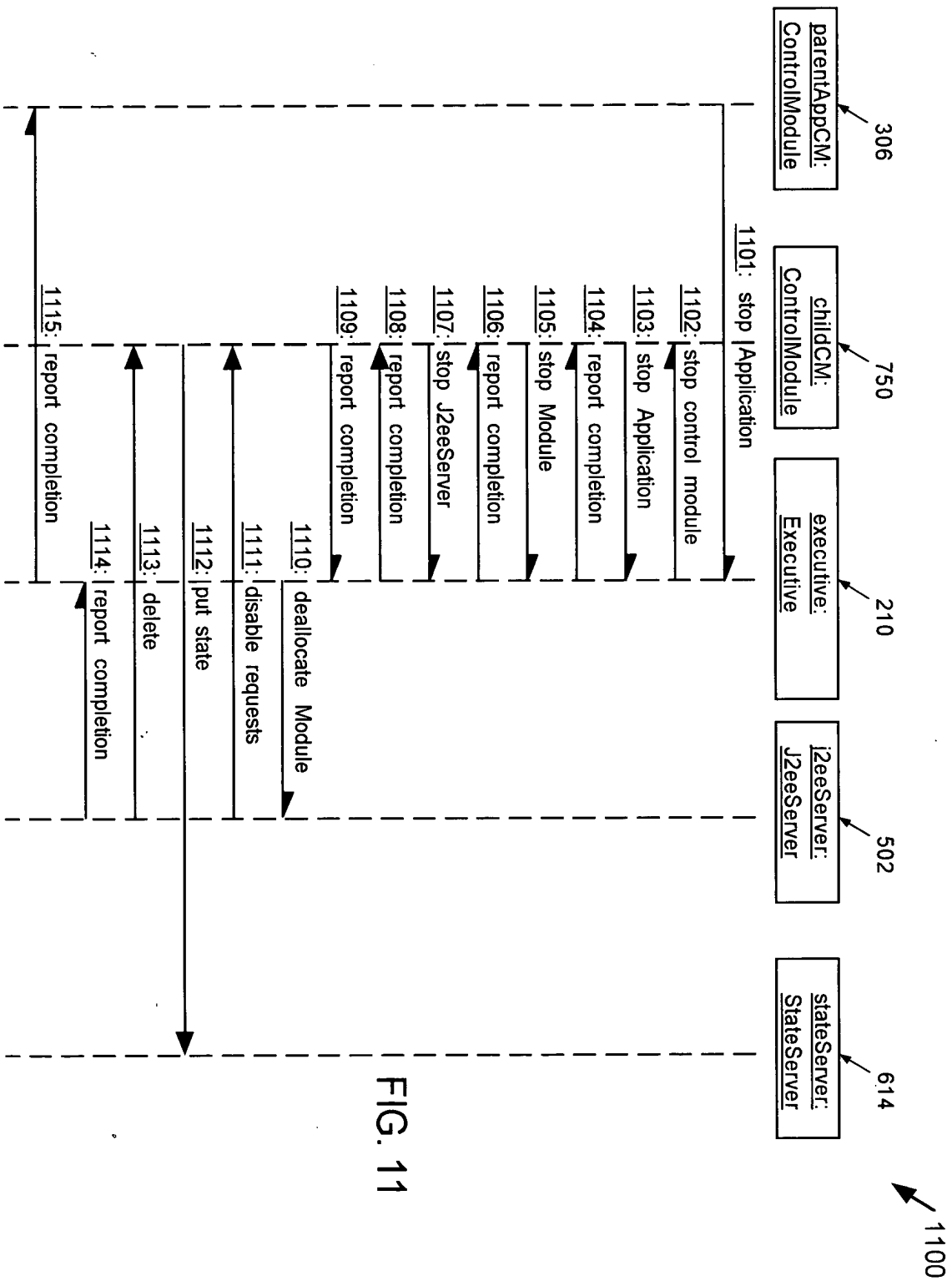
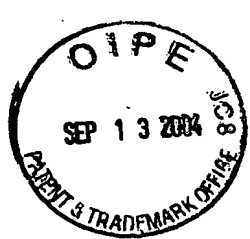


FIG. 10A





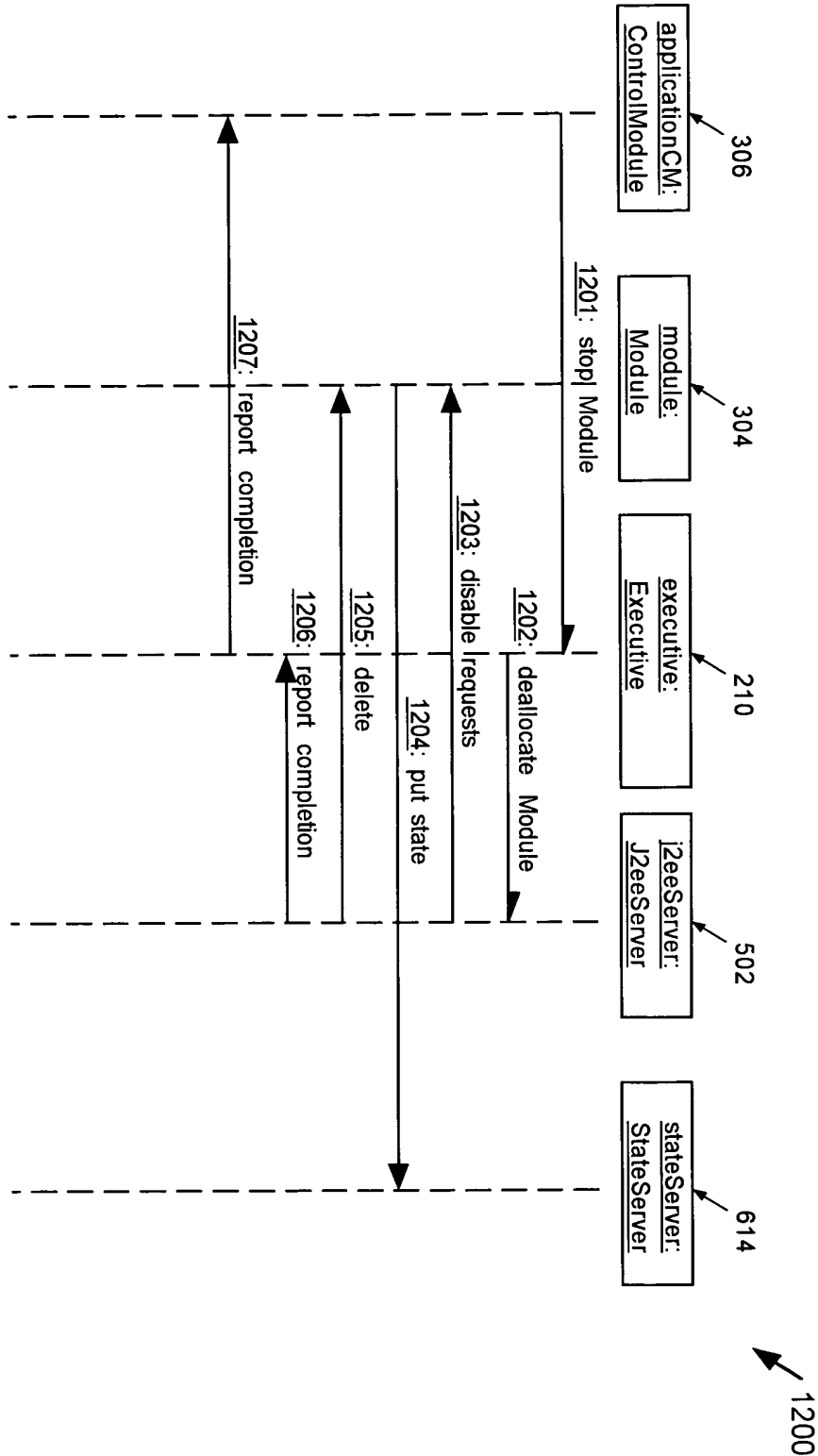


FIG. 12

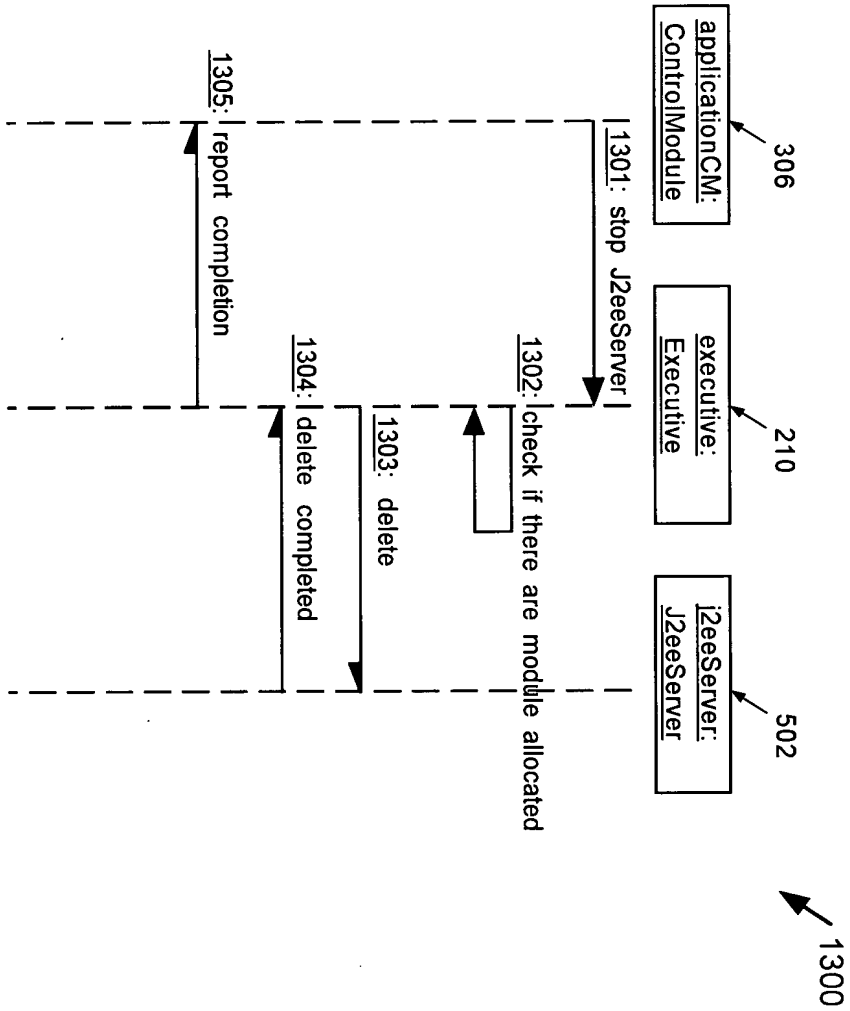


FIG. 13

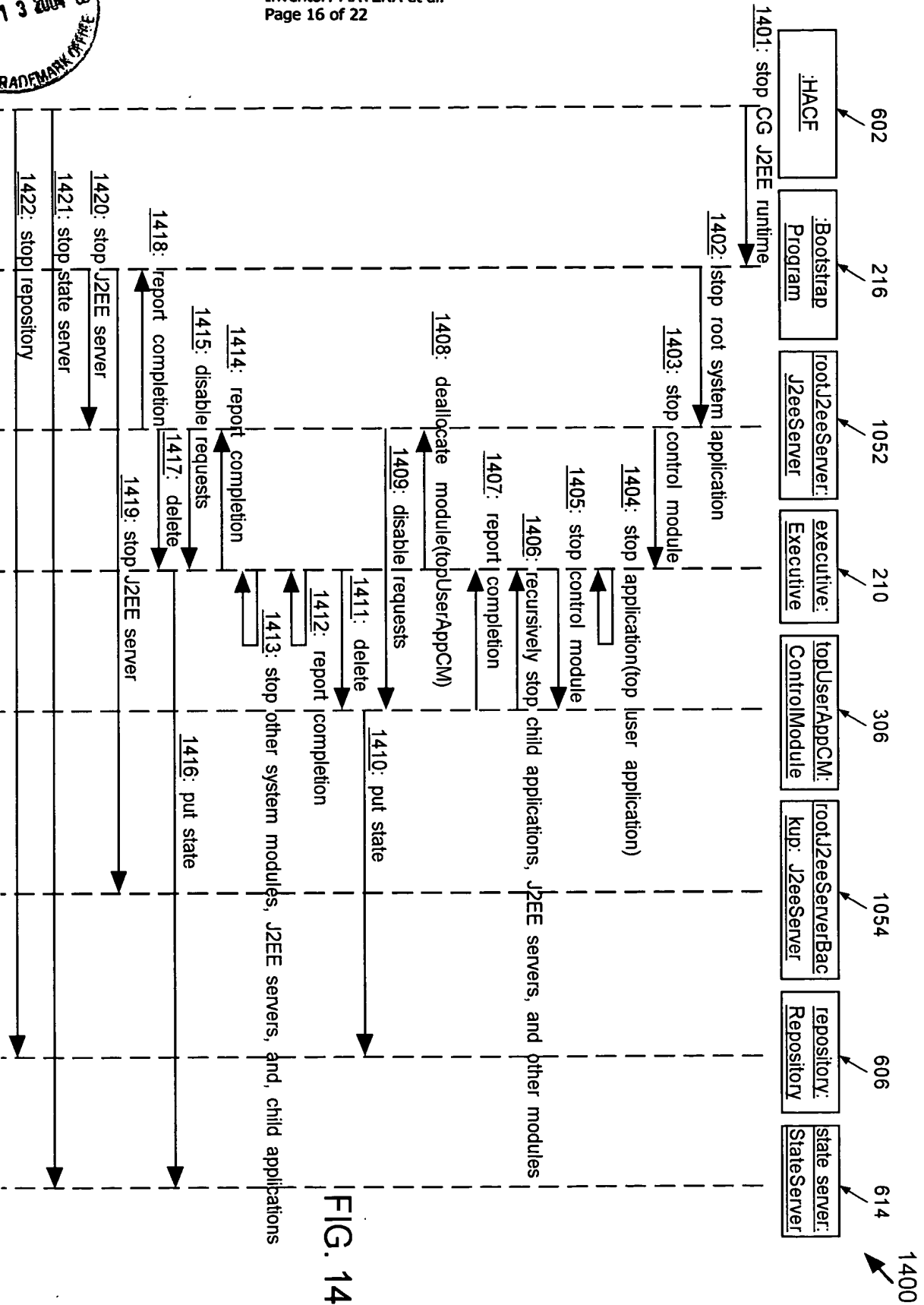


FIG. 14



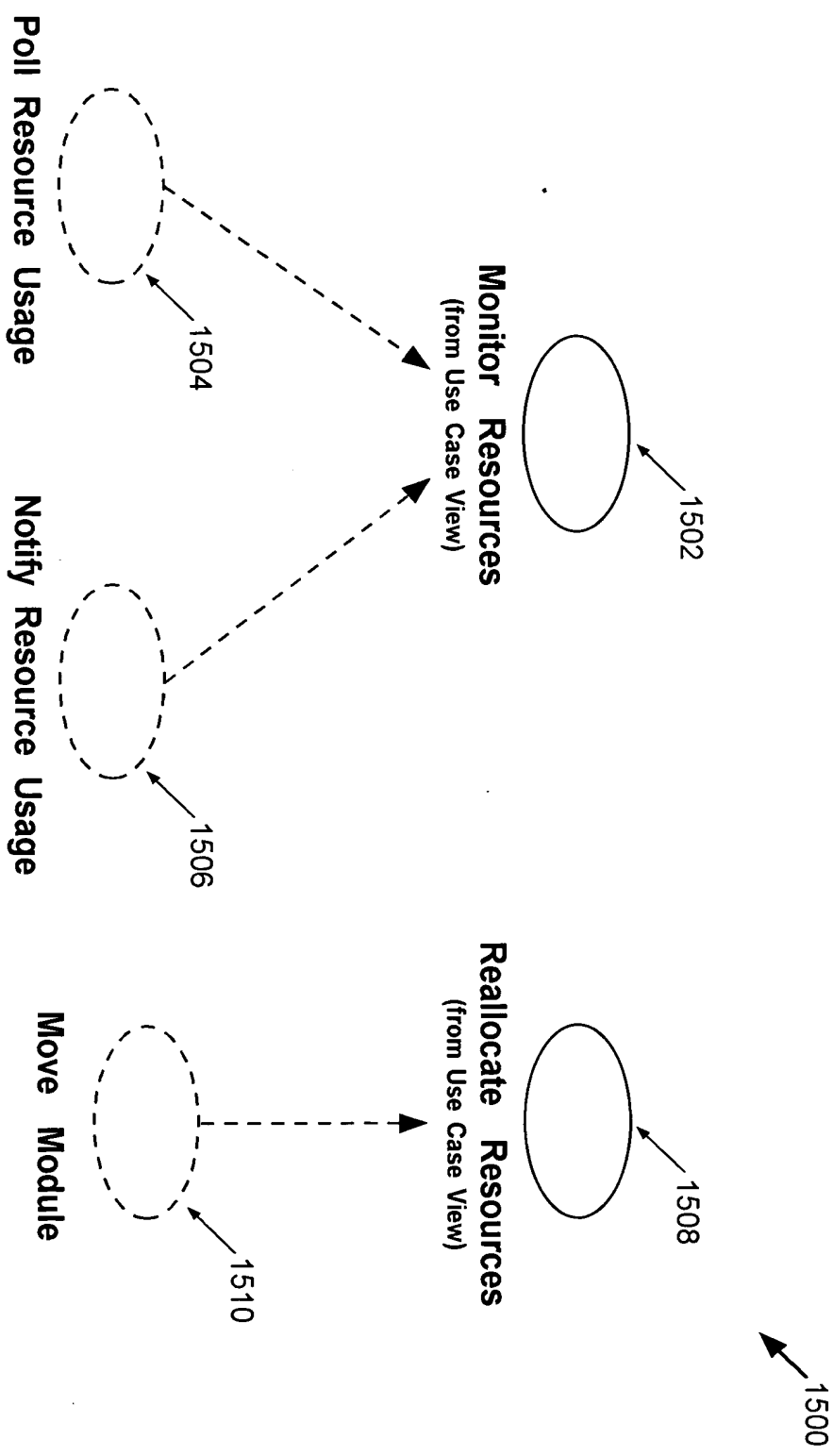


FIG. 15

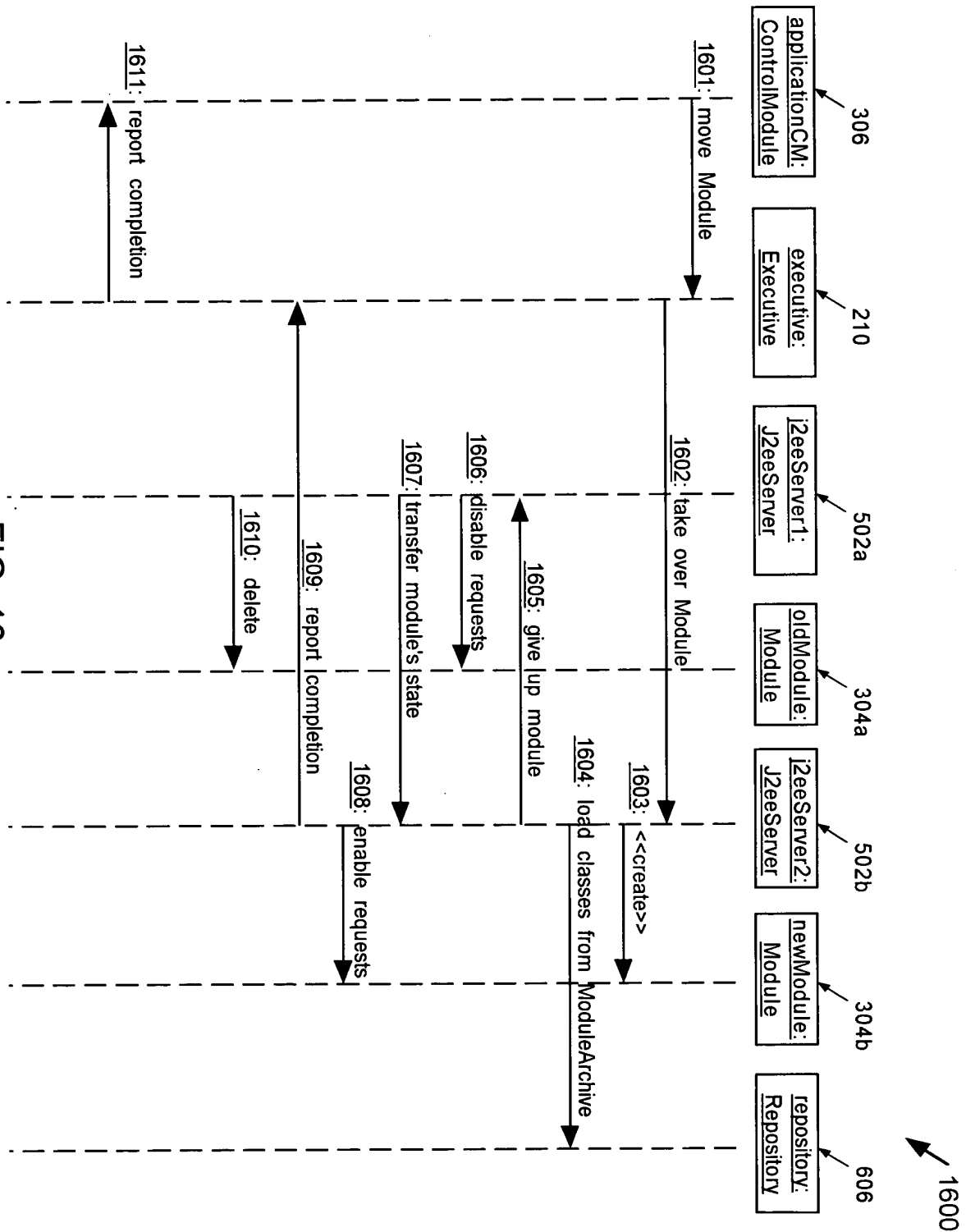


FIG. 16

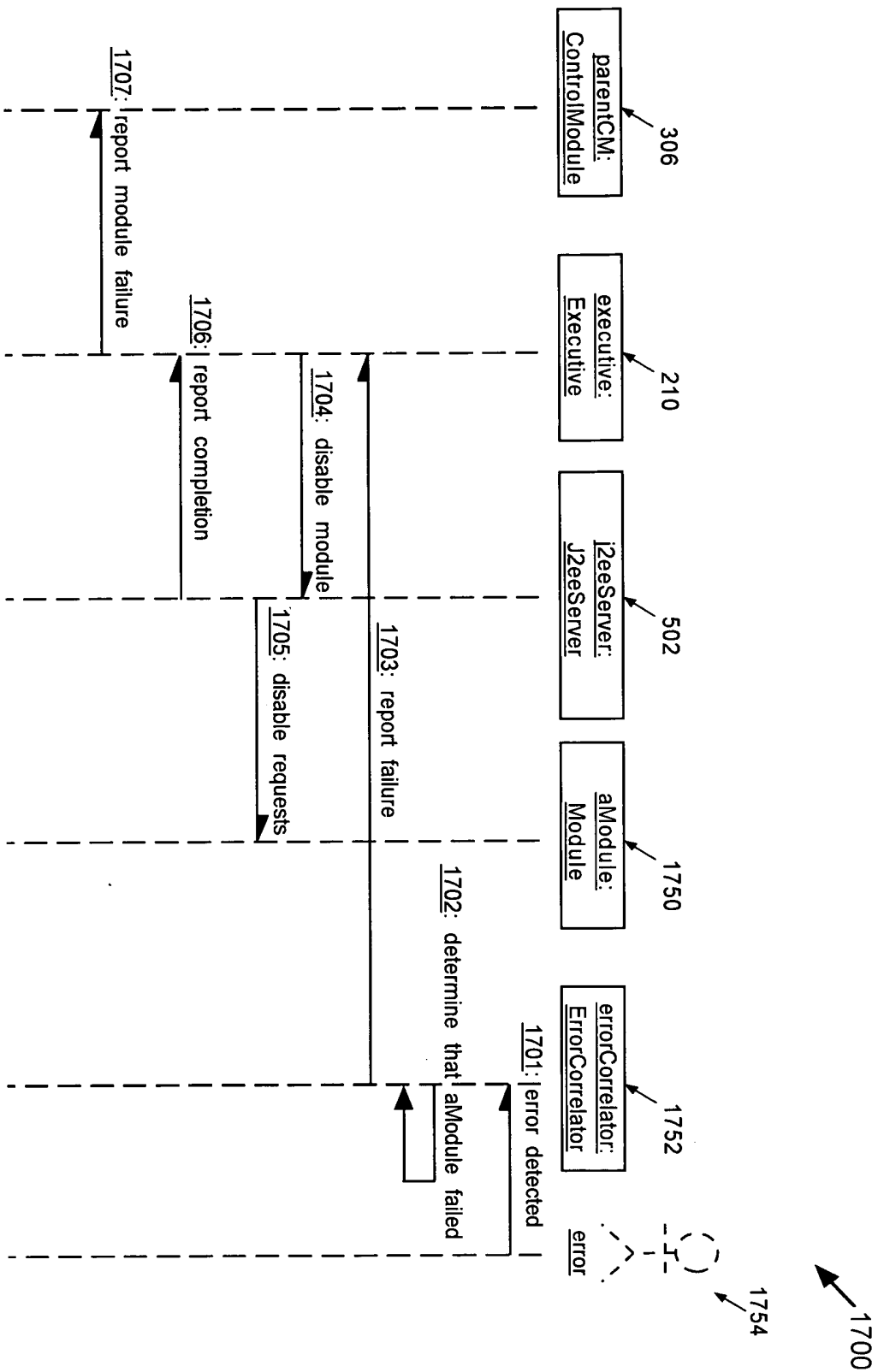


FIG. 17

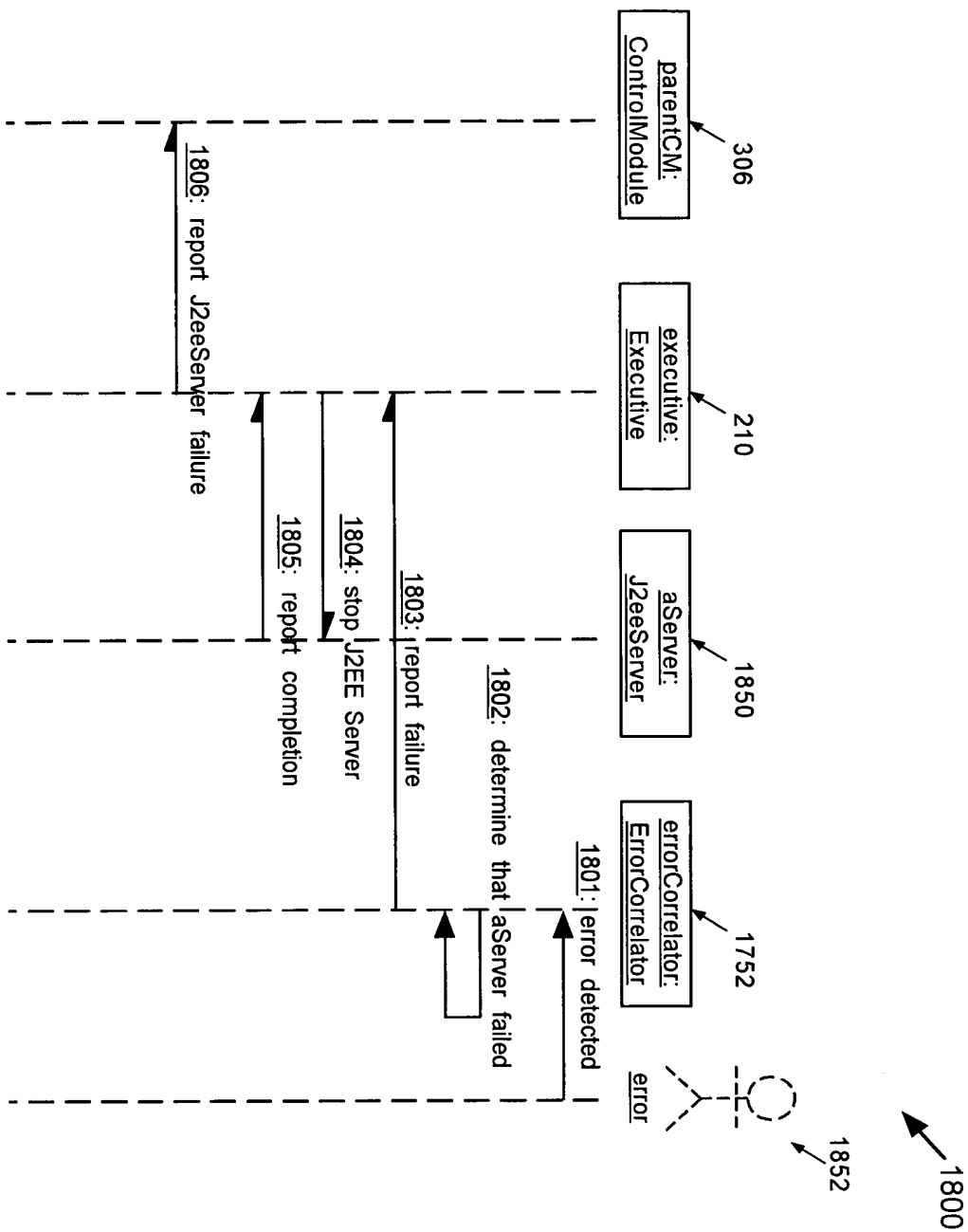


FIG. 18

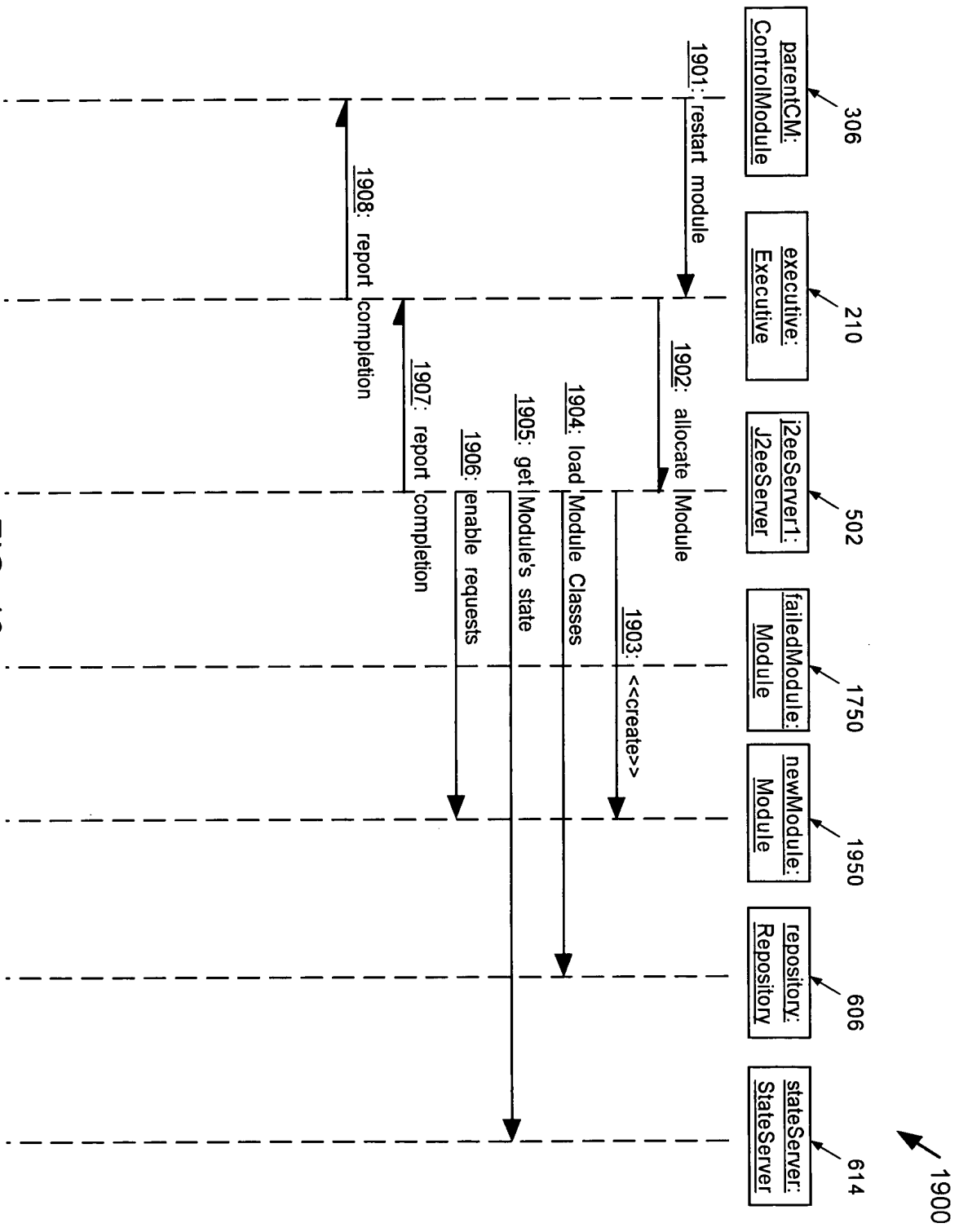


FIG. 19

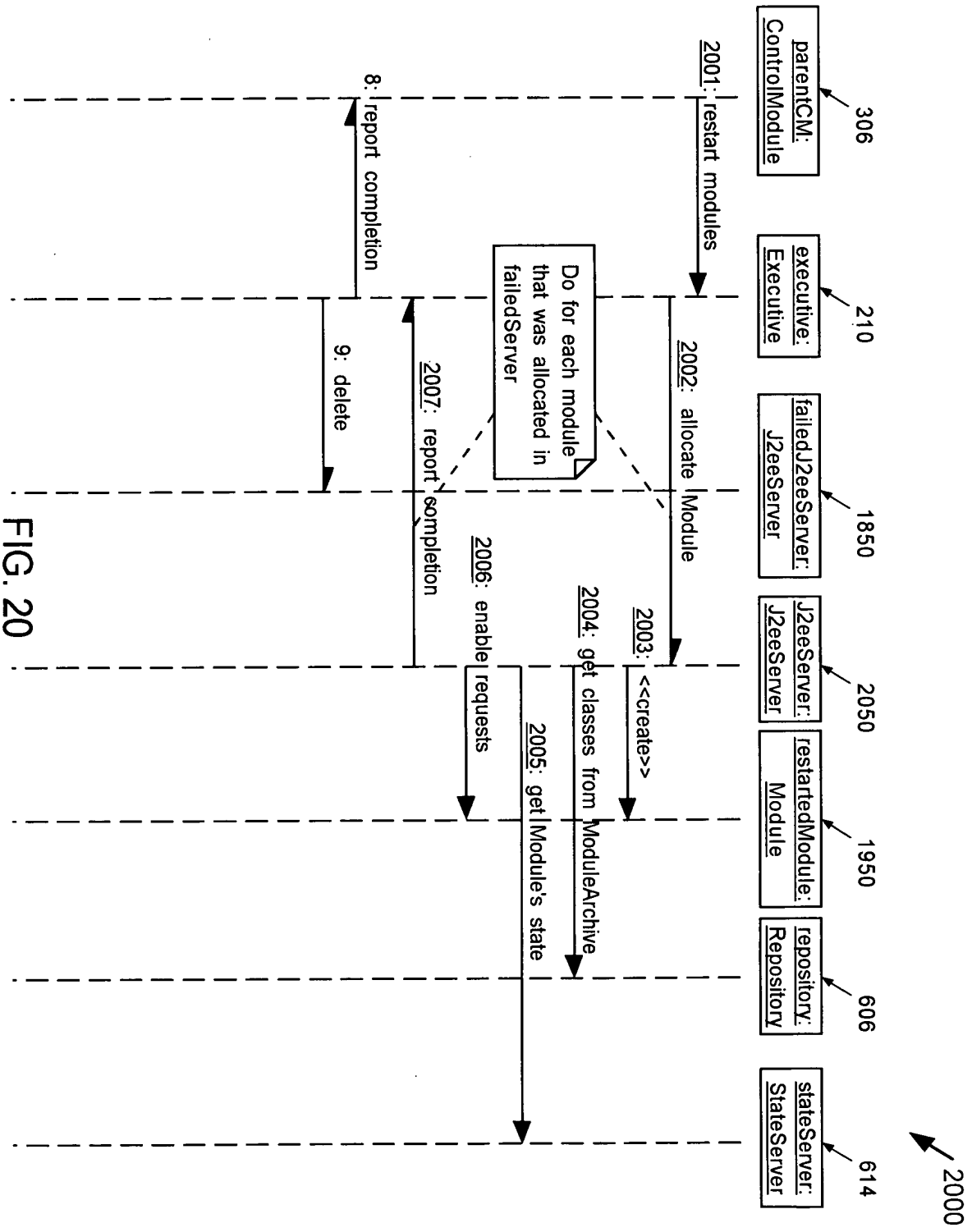


FIG. 20